

DETAILED ACTION

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard H. Tushin (Reg. No. 27,297) on 06 May 2010.

The application has been amended as follows:

Claims 33 and 34 have been canceled.

Allowable Subject Matter

2. Claims 31 and 36 are allowed.
3. The following is an examiner's statement of reasons for allowance:

With respect to claims 31 and 36, the prior art discloses an x-ray sensitive camera that comprises: a casing; a first x-ray sensitive image detector; a second x-ray sensitive image detector; and adjustment means for causing the first image detector or the second image detector to assume correct alignment relative to an x-ray emitter. However, the prior art fails to disclose or fairly suggests a second x-ray sensitive image detector positioned behind the first x-ray sensitive image detector with x-ray sensitive surfaces of the first x-ray sensitive image detector and the second x-ray sensitive image detector facing in opposite directions.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Response to Amendment

1. Applicants' amendments filed 19 March 2010 with respect to the drawings have been fully considered. The objections of the drawings have been withdrawn.
2. Applicants' amendments filed 19 March 2010 with respect to the specification have been fully considered. The objection of the specification has been withdrawn.
3. Applicants' amendments filed 19 March 2010 with respect to claim 31 have been fully considered. The rejection of claim 31 under 35 U.S.C. 112, first paragraph, has been withdrawn.
4. Applicants' amendments filed 19 March 2010 with respect to claim 31 have been fully considered. The rejection of claim 31 under 35 U.S.C. 112, second paragraph, has been withdrawn.
5. Applicants' amendments filed 19 March 2010 with respect to claim 31 have been fully considered. The rejection of claim 31 under 35 U.S.C. 102(b) as being anticipated by Zeller *et al.* (U. S. Patent No. 6,055,292) has been withdrawn.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

- (1) Li *et al.* (U. S. Patent No. 7,470,914 B2) disclosed an x-ray sensitive camera that comprises: a casing (3); a first x-ray sensitive image detector (1a); and a second x-ray sensitive image detector (1b) positioned behind the first x-ray sensitive image detector.
- (2) Nagarkar *et al.* (U. S. Patent No. 7,405,406 B1) disclosed a two-sided scintillation detectors.
- (3) Nyholm (U. S. Patent No. 7,092,483 B2) disclosed an x-ray sensitive camera that comprises: a casing (51); a first x-ray sensitive image detector (20); a second x-ray sensitive image detector (20') positioned alongside of the first x-ray sensitive image detector.
- (4) Meulenbrugge (U. S. Patent No. 6,442,238 B2) disclosed an FDXD detector with dose sensing.
- (5) Gilblom (U. S. Patent No. 6,151,382) disclosed an x-ray imaging apparatus.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Allen C. Ho whose telephone number is (571) 272-2491. The examiner can normally be reached on Monday - Friday from 9:00 am - 6:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward J. Glick can be reached on (571) 272-2490. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Allen C. Ho/
Primary Examiner
Art Unit 2882